

WHAT IS CLAIMED IS:

1. A magnetic switch, comprising:
magnetism detecting means having a Hall element that
5 faces a magnet through a gap; and
magnetism shielding means provided so as to freely
enter and exit the gap,
wherein the external surface of the magnetism
detecting means is covered with a case made of a magnetic
10 material.
2. The magnetic switch according to Claim 1,
wherein the magnetism shielding means is made of a
magnetic material.
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3. The magnetic switch according to Claim 1, further
comprising:
a stationary rail fixed to a floor;
a movable rail guided by the stationary rail and
20 provided so as to be freely movable; and
a seat fixed to the movable rail and capable of being
moved back and forth along with the movable rail,
wherein the magnetism detecting means is provided in
either the stationary rail or the movable rail, and the
25 magnetism shielding means is provided in the other.
4. The magnetic switch according to Claim 1, further
comprising:

a vehicle body; and
a stand for supporting the vehicle body, ,
wherein the magnetism detecting means is provided in
either the vehicle body or the stand, or the magnetism
5 shielding means is provided in the other.

5. The magnetic switch according to Claim 1,
wherein the magnet and the Hall element are
integrally received in the case.

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